

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 98/07103

A. CLASSIFICATION OF SUBJECT MATTER IPC 6 C07K16/18 G01N33/68 A61K39/395							
According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 6 C07K							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)							
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Category</th> <th style="text-align: left; padding: 2px;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="text-align: left; padding: 2px;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;"> ABEL, KATHRIN (1) ET AL: "Monoclonal antibodies against the focal adhesion protein VASP revealing epitopes involved in the interaction with two VASP binding proteins and VASP phosphorylation." EUROPEAN JOURNAL OF CELL BIOLOGY, (1996) VOL. 69, NO. SUPPL. 42, PP. 39. MEETING INFO.: 21ST ANNUAL MEETING OF THE GERMAN SOCIETY FOR CELL BIOLOGY HAMBURG, GERMANY MARCH 24-28, 1996 ISSN: 0171-9335., XP002097463 see the whole document --- -/-- </td> <td style="padding: 2px;">1-24</td> </tr> </tbody> </table>		Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	A	ABEL, KATHRIN (1) ET AL: "Monoclonal antibodies against the focal adhesion protein VASP revealing epitopes involved in the interaction with two VASP binding proteins and VASP phosphorylation." EUROPEAN JOURNAL OF CELL BIOLOGY, (1996) VOL. 69, NO. SUPPL. 42, PP. 39. MEETING INFO.: 21ST ANNUAL MEETING OF THE GERMAN SOCIETY FOR CELL BIOLOGY HAMBURG, GERMANY MARCH 24-28, 1996 ISSN: 0171-9335., XP002097463 see the whole document --- -/--	1-24
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input type="checkbox"/> Patent family members are listed in annex.							
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed							
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "S" document member of the same patent family							
Date of the actual completion of the international search	Date of mailing of the international search report						
23 March 1999	28.04.99						
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Mennessier, T						

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 14 and 22 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the antibody/antibodies.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HAFFNER, CHRISTOF ET AL: "Molecular cloning, structural analysis and functional expression of the proline-rich focal adhesion and microfilament-associated protein VASP" EMBO J. (1995), 14(1), 19 - 27 CODEN: EMJODG; ISSN: 0261-4189, XP002097405 cited in the application see page 19, left-hand column	1-24
A	BUTT, ELKE ET AL: "cAMP- and cGMP-dependent protein kinase phosphorylation sites o the focal adhesion vasodilator-stimulated phosphoprotein (VASP) in vitro and in intact human platelets" J. BIOL. CHEM. (1994), 269(20), 14509-17 CODEN: JBCHA3; ISSN: 0021-9258, XP002097404 see the whole document	1-24
A	REINHARD M ET AL: "The 46/50 kDa phosphoprotein VASP purified from human platelets is a nove protein associated with actin filaments and focal contacts." EMBO JOURNAL, (1992 JUN) 11 (6) 2063-70. JOURNAL CODE: EMB. ISSN: 0261-4189., XP002097406 ENGLAND: United Kingdom see page 2063, right-hand column - page 2064, left-hand column	1-24
P,X	SMOLENSKI, ALBERT ET AL: "Analysis and regulation of vasodilator - stimulated phosphoprotein serine 239 phosphorylation in vitro and in intact cells using a phosphospecific monoclonal antibody" J. BIOL. CHEM. (AUGUST 1998), 273(32), 20029-20035 CODEN: JBCHA3; ISSN: 0021-9258, XP002097407 cited in the application see the whole document	1-24
P,X	JARCHAU T ET AL: "Purification and assays of vasodilator - stimulated phosphoprotein." METHODS IN ENZYMOLOGY, (1998), 298, 103-13. JOURNAL CODE: MVA. ISSN: 0076-6879., XP002097408 United States see page 109	1-24